file copy

## INFORMATION DISCLOSURE CITATION

Form PTO-1449 (Modified) (Use several sheets if necessary)

 SERIAL NO.

091824,905

APPLICANT

Singh, et al.

FILING DATE
October 27, 2000

GROUP

1645

## U.S. PATENT DOCUMENTS

Examiner	Document	Date	Name	Class	Subclass	Filing Date
Initial	Number					If Appropriate
J.T	4,675,300	06/23/87	Zare et al.	436	172	9/18/85
,	5,324,401	06/28/94	Yeung et al.	204	180./	1/5-/93
	5,470,705	11/28/95		431-	6	1/5/13
	5,536,834	07/16/96	Singh et al.	544	98	6/6195
	5,560,811	10/01/96	1	204	451	3/21/95
	5,565,324	10/15/96	Still et al.	433	6	4/13/94
	5,573,906	11/12/96	Bannwarth et al.	μ		3/22/83
	5,580,732	12/03/96	Grossman et al.		11	8126194
	5,624,800	04/29/97		1/	1.	5119195
	5,703,222	12/30/97	Grossman et al.	11	11	11/21/95
	5,719,028	02/17/98		H	6.4	216197
	5,721,099	02/24/98	Still et al.	af .	v	617195
	5,723,591	03/03/98	Livak et al.	536	22.1	11/15/95
	5,756,726	05/26/98	Hemmi et al.	1-40	474	616/95
	5,789,172	08/04/98	Still et al.	sf 35	6	7111/96.
	5,807,675	09/15/98	Davalian et al.	46	15	617/95
	5,807,682	09/15/98	Grossman et al.	11	1.	6/17/97.
	5,811,239	09/22/98	Frayne	11	£1	5/13/96.
	5,843,666		Akhavan-Tafti et al.	)!	N	11/15-196
1	5,874,213	02/23/99	Cummins et al.	1)	13	6/6/95
	5,876,930	03/02/99	Livak et al.	l,	((	11/15-195
	5,989,871	11/23/99	Grossman et al.	433	91. i	2/14/95
	5,998,140	12/07/99	Dervan et al.	11	Ь	518197
	6,001,579	12/14/99	Still et al.	11	7.1	617195
1/	6,090,947	07/18/00	Dervan et al.	548	312.4	2/26/96
V37	6,045,676	04/04/00	Mathies et al.	204	603	8122197
				- /	000	

## FOREIGN PATENT DOCUMENTS

	Document	Date	Country	Class	Subclass	Translation
	Number					_
<b>ア. T</b>	WO 97/28275	08/07/97	PCT	2120	1/34	
J	WO 98/01533		PCT	C12M	1/00	V .
J-7	WO 99/13108	03/18/99	PCT	C120	1/68	

09/824905



<b>J.</b> T	WO 99/645		PCT	c	1/68		
5.7	WO 00/66607	11/09/00	PCT	COTH	21/02	V	
•			·				

OTHER ART (Including	Author,	Title,	Date,	Pertinent	Pages,	Etc.)	
----------------------	---------	--------	-------	-----------	--------	-------	--

	orization interest for the state of the stat
	Adam, W. and Liu, JC., "Photooxygenation (Singlet Oxygen) of
<b>ず</b> て	Tetrathioethylenes" J. Am. Chem. Soc. <u>94</u> :1206-1209 (1972).
	Adam, W., et al., "Photooxygenation of Vinyl Sulfides: Substituent
	Effects on the [2+2] Cycloaddition versus Schenck Ene Reaction
	Modes" Tetrahedron Letters <u>36</u> (43):7853-7854 (1995).
	Ando, W., et al., "Singlet Oxygen Reaction-II alkylthiosubstituted
	ethylene" Tetrahedron Letters 29:1507-1513 (1973).
	Ando, W., et al., "Singlet Oxygen Reaction. III. 'Solvent and
	Temperature Effects' on the Photosensitized Oxygenation of Vinyl
	Sulfides and Vinyl Ethers" J. Am. Chem. Soc. 96:6766-6768 (1974).
	Ando, W., et al., "Singlet Oxygen Reaction. IV. Photooxygenation
	of Enamines Involving a Two-Step Cleavage of a 1,2-Dioxetane
	Intermediate" J. Am. Chem. Soc. <u>97</u> :5028-5029 (1975).
	Ando, W., et al., "Singlet Oxygen Reaction V. Ring Size Effects on
	the Decomposition of Sulfur Substituted 1,2-Dioxetane" Tetrahedron
	Letters <u>47</u> :4127-4130 (1975).
	Brenner, S. and Lerner, R.A., "Encoded combinatorial chemistry"
	Proc. Natl. Acad. Sci. USA <u>89</u> :5381-5383 (1992).
	Hacia, J.G., et al., "Detection of heterozygous mutations in BRCA1
	using high density ologonucleotide arrays and two-colour
	fluorescence analysis" Nature Genetics. 14:441-447 (1996).
1.	Haff, L.A. and Smirnov, I.P., "Multiplex genotyping of PCR
	products with MassTag-labeled primers" Nucleic Acids Res.
	<u>25</u> (18):3749-3750 (1997).
	Lee, L.G., et al., "Allelic discrimination by nick-translation PCR with fluorogenic probes" Nucleic Acid Research 21 (16):3761-3766 (1993).
	Marino, M.A., et al., "Characterization of mitochondrial DNA using
	low-stringency single specific primer amplification analyzed by
\	laser induced fluorescence-capillary electrophoresis"
	Electrophoresis $17:1499-1504$ (1996).
	Matthews, J.A. and Kricka, L.J., "Analytical Strategies for the
	Use of DNA Probes" <i>Anal. Biochem.</i> <u>169</u> :1-25 (1988).
	Pastinen, T., et al., "Multiplex, fluorescent, solid-phase
	minisequencing for efficient screening of DNA sequence variation"
	Clinical Chemistry <u>42</u> (9):1391-1397 (1996).
7	Ross, P.L., et al., "Discrimination of Single-Nucleotide
52/	Polymorphisms in Human DNA Using Peptide Nucleic Acid Probes

file copy .

	Detected MALDI-TOF Mass Spectrometry" A. Chem. 69:4197-4202
JT	(1997).
	Still, W.C., "Discovery of Sequence-Selective Peptide Binding by
	Synthetic Receptors Using Encoded Combinatorial Libraries"
	Accounts of Chem. Res. 29:155-163 (1996).
	Ullman, E.F., et al., "Luminescent oxygen channeling immunoassay:
	Measurement of particle binding kinetics by chemiluminescence"
	Proc. Natl. Acad. Sci., <u>91</u> :5426-5430 (1994).
	Wang, D.G., et al., "Large-Scale Identification, Mapping, and
	Genotyping of Single-Nucleotide Polymorphisms in the Human Genome
ľ	Science <u>280</u> (5366):1077-1082 (1997).
	Wasserman, H.H. and Terao, S., "Enamine-singlet oxygen reactions
	α-diketones from intermediate amino dioxetanes" Tetrahedron
	Letters <u>21</u> :1735-1738 (1975).
	Wetmur, J.G., "DNA Probes: Applications of the Principles of
1	Nucleic Acid Hybridization" Critical Rev. in Biochem. and
1	Molecular Biol. <u>26</u> (3/4):227-259 (1991).
	White, T.J., "The future of PCR technology: diversification of
	technologies and applications" Trends in Biotechnology 14:478-483
1	(1996).
i	Woolley, A.T., et al., "Functional Integration of PCR
	Amplification and Capillary Electrophoresis in a Microfabricated
1	DNA Analysis Device" Anal. Chem. <u>68</u> :4081-4086 (1996).
1/	Zalika, K.A., et al., "Mechanisms of 1,2-dioxetane decomposition:
4-	the role of electron transfer" Photochem. Photobiol. 30:35-44
7.	(1979).
KAMINER	DATE CONSIDERED
	Joyuh 1/14/2001
XAMINER:	Initial if reference considered, whether or not citation is in conformance with MP ine through citation if not in conformance and not considered. Include copy of the

form with next communication to applicant.